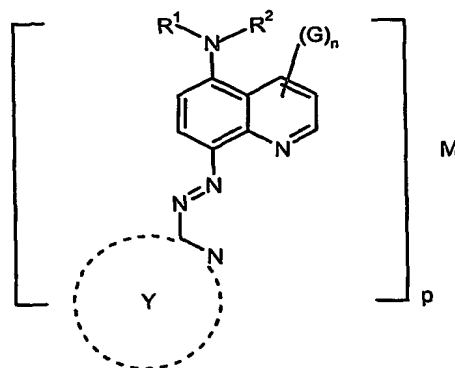


CLAIMS

1. A metal chelate of Formula (1) or salt thereof:



Formula (1)

wherein:

$R^1$  and  $R^2$  are each independently H or an organic group;

M is a metal;

p is 1 to 4;

Y is an optionally substituted heterocyclic ring with a nitrogen ortho to the azo bridge;

G is a substituent; and

n is 0 to 5.

2. A metal chelate according to claim 1 wherein M is selected from nickel, cobalt, copper, zinc and chromium.

3. A metal chelate according to either claim 1 or claim 2 wherein M is nickel.

4. A metal chelate according to any one of the preceding claims wherein p is 2.

5. A metal chelate according to any one of the preceding claims wherein one of  $R^1$  and  $R^2$  is H and the other is optionally substituted phenyl or optionally substituted  $C_{1-4}$ -alkyl.

6. A metal chelate according to any one of claims 1 to 4 wherein  $R^1$  and  $R^2$  are both methyl.

7. A metal chelate according to any one of the preceding claims wherein Y is a 5 or 6 membered ring.

8. A composition comprising a metal chelate of Formula (1) as described in any one of claims 1 to 7 and a liquid medium.

5 9. A composition according to claim 8 wherein the liquid medium is a mixture of water and organic solvent.

10. A composition according to either claim 8 or claim 9 which is an ink suitable for use in an ink-jet printer.

10 11. A process for forming an image on a substrate comprising applying an ink according to claim 10 thereto by means of an ink-jet printer.

15 12. A material printed with a composition as described in any one of claims 8 to 10, a metal chelate as described in any one of claims 1 to 7 or by means of a process as described in claim 11.

13. An ink-jet printer cartridge comprising a chamber and an ink wherein the ink is in the chamber and the ink is as defined in claim 10 of the present invention.